

INTERNATIONAL SEARCH REPORT

Inte Application No
PCT/EP2004/052379

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C1/04 B01J23/75 B01J21/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/181329 A1 (SANBAYASHI MASAYUKI ET AL) 25 September 2003 (2003-09-25) paragraphs '0221!, '0227! - '0229!; example 1 claims 1,14,16,17,58,61,62	1-11,13
X	US 2002/042449 A1 (NAKAMURA HIDENORI ET AL) 11 April 2002 (2002-04-11) paragraphs '0002!, '0047! paragraphs '0074!, '0084!, '0090!, '0091!; examples 9,10,comparative1-2 ----- -/--	1-6

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

22 February 2005

Date of mailing of the international search report

02/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	POTTIER, A. ET AL.: "Synthesis of brookite TiO ₂ nanoparticles by thermolysis of TiO ₄ in strongly acidic aqueous media" JOURNAL OF MATERIALS CHEMISTRY, vol. 11, 2001, pages 1116-1121, XP002275120 cited in the application page 1116, line 1, paragraph INTRODUCTION - line 10 figures 7,8	1-6
X	EP 1 083 152 A (SHOWA DENKO KABUSHIKI KAISHA) 14 March 2001 (2001-03-14) paragraphs '0001!', '0002! paragraph '0036! paragraphs '0071!', '0080!; examples 1,13	1-6
X	WO 97/00231 A (SHELL INT RESEARCH ;SHELL CANADA LTD (CA)) 3 January 1997 (1997-01-03) cited in the application the whole document	15
A	US 2002/107142 A1 (HATANAKA MIHO ET AL) 8 August 2002 (2002-08-08)	

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